

ABSTRACT OF THE DISCLOSURE

A halogen lamp of a 12V type including: a glass part, a portion of which is a light emitting portion having a space therein and the rest of which is a sealing portion, both portions being
5 made of quartz glass; an infrared reflective coating formed to cover an outer surface of the glass part; a filament which, supported by the sealing portion, is provided in the inner space of the light emitting portion; a molybdenum foil which is embedded in the sealing portion and is electrically connected to the
10 filament; and a power supply line, one end of which is connected to the molybdenum foil, the other end exposed to outside. The halogen lamp satisfies $450\text{mm}^2 \leq S_b \leq 650\text{mm}^2$ and $S_e \geq -0.35S_b + 520$, where S_b and S_e designate outer surface areas of the light emitting portion and the sealing portion, respectively.